

云南地方猪种血液蛋白多态性研究 Study on Blood Protein Polymorphism in Yunnan Local Pig Breeds

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摘要 采用蛋白电泳技术研究了云南地方猪种血液蛋白多态性。共分析了3个云南地方猪种32-36个遗传位点, 其中AKP、CAT、DIA、ES、G6PD、PA、6PGD、PHI、TF等9个位点检测到多态性, 多态位点百分比为0.1875-0.2121, 平均杂合度为0.0712-0.1027。结果表明, 云南地方猪种血液蛋白多态程度较高, 反映在蛋白水平上的遗传多样性较为丰富。

Abstract: In this paper, protein electrophoresis was used to analyze the blood protein polymorphism in Yunnan local pig breeds and 32~36 genetic loci in the Yunnan local pig breeds were surveyed, Nine of them, such as AKP, CAT, DIA, ES, G6PD, PA, 6PGD, PHI and TF, were found to be polymorphic, the mean heterozygosity (H) was 0.0712~0.1027. The results indicated that the blood protein polymorphism in the Yunnan local pig breeds is high, the Yunnan local pig breeds are wealthy in genetic diversity in point of their protein level.

关键词 [云南地方猪种](#) [血液蛋白电泳](#) [平均杂合度](#) Key words [The Yunnan local pig breeds](#).[Blood protein electrophoresis](#) [Mean heterozygosity](#)

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